

# Shut off valve MS4-EE

Part number: 527709

**FESTO**



## Data sheet

| Feature                                  | Value  |
|--|--|
| Structural design                        | Piston gate valve  |
| Actuation type                           | Electrical   |
| Exhaust air function                     | Without flow control option  |
| Manual override                          | Detenting<br>None<br>Non-detenting   |
| Reset method                             | Mechanical spring  |
| Type of control                          | Pilot-controlled   |
| Valve function                           | 3/2, closed, monostable  |
| Pressure gauge                           | G1/4 prepared<br>G1/8 prepared<br>with pressure sensor<br>with pressure gauge  |
| Operating pressure                       | 4 bar...14 bar   |
| Lap                                      | Overlap  |
| Standard nominal flow rate               | 1000 l/min...2000 l/min  |
| Duty cycle                               | 100%   |
| Coil characteristics                     | 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA<br>230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA<br>24 V DC: 1.8 W |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas   |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use)   |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress  |
| Note on materials                        | RoHS-compliant   |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L  |
| Temperature of medium                    | -10 °C...60 °C   |
| Degree of protection                     | IP65   |
| Ambient temperature                      | -10 °C...60 °C   |
| Certification                            | c UL us - Recognized (OL)  |
| KC characters                            | KC EMC   |

| Feature   | Value   |
|---|---|
| CE marking (see declaration of conformity)        | As per EU EMC directive<br>as per EU explosion protection directive (ATEX)<br>As per EU low voltage directive<br>As per EU RoHS directive |
| UKCA marking (see declaration of conformity)      | To UK instructions for EMC<br>acc. to UK EX instructions<br>To UK RoHS instructions<br>To UK instructions for electrical equipment        |
| Explosion protection certification outside the EU | EPL Dc (GB)<br>EPL Gc (GB)  |
| Explosion prevention and protection               | Zone 2 (ATEX)<br>Zone 2 (UKEX)<br>Zone 22 (ATEX)<br>Zone 22 (UKEX)  |
| ATEX category gas                                 | II 3G   |
| ATEX category for dust                            | II 3D   |
| Type of ignition protection for gas               | Ex nA IIC T4 X Gc   |
| Type of (ignition) protection for dust            | Ex tc IIIC T105°C IP65 Dc X   |
| Explosive ambient temperature                     | -10°C ≤ Ta ≤ +60°C  |
| For use in the food industry                      | See supplementary material information  |
| Type of mounting                                  | Line installation<br>With accessories<br>Optionally:  |
| Mounting position                                 | Any   |
| Flow direction                                    | Non-reversible  |
| Product weight                                    | 273 g   |
| Pneumatic connection 3                            | G1/4  |
| Pilot air supply port                             | Internal  |
| Seals material                                    | NBR   |
| Housing material                                  | Die-cast aluminum   |